4. Filter element life setting mode:
Press and hold the set button for 10 seconds and when you hear three beeps, it will automatically jump to the first level of filter life and flash. Use the + and - keys to set the filter life.
Shortly press the Set key again to jump to the secondary filter element life, and repeat the + and - key settings.
Continue to press the Set button briefly to jump to the third-level filter life setting.
Continue to press the Set key briefly to save the settings and exit and jump to the time interface.
If the continue button is not pressed during the setting process, it will jump to the main time interface after 30 seconds and the setting parameters will not be saved.
5. Forced flushing mode: On the time page, press and hold the reset button for 10 seconds to force back washing.
6. Turn on the machine and back wash for 20 seconds. Back washing starts after continuously producing water for 4 hours.
7. When the filter element age is less than 15 days, the alarm light will be on. When the filter element age is equal to 0, the alarm light and the fault light will be on at the same time.

Trouble Shooting

NOTE: Turn off the system

PROBLEM	POSSILE CAUSE	SOLUTION
The machine does not start	The power is not turned on	Check the power supply or the power plug
	The high voltage switch cannot be reset	Measure its resistance after releasing the pressure and replace it
	Transformer burns out	Measure its output voltage and replace it
The high-pressure pump works normally but cannot produce water	Pressure loss of high-pressure pump	Measure the outlet pressureof the pump and replace it
	The four-sided valve is faulty and cannot enter water (there is no pure water or waste water)	Replace the four-sided valve
	The pre-filter is blocked	Observe the pure water and waste water, and replace the pre-filter
	RO membrane is blocked	Clean or replace RO membrane
The machine shuts down but the waste water does not stop	The solenoid valve fails to effectively cut off the water	Observe the waste water and change the four-sided valve
	Check valve to relievepressure (waste water flow is small)	Observe the waste water and replace the check valve
The machine repeatedly jumps off after the water is full	High-voltage switch failure	Replace the high-voltage switch
	The system has pressure relief phenomenon	Check the pure water pipeline after the check valve
	The pre-filter is blocked	Replace the pre-filter
	RO membrane is blocked	Clean or replace RO membrane
Insufficient pure water	The waste water ratio is too conductive	Replace waste water ratio
	Insufficient high-pressure pump pressure	Measure the pump outlet pressure

Warranty Service

1. The warranty period starts from the date of issuing the invoice.
2. Warranty period: The whole machine is guaranteed for two years, and the consumables are not within the scope of the warranty.
3. If the machine number is altered, the user disassembles and replaces the machine by himself or the operation not in accordance with the instructions andall man-made damage are not covered by the warranty.
4. If your machine is abnormal, please unplug it immediately, turn off the water source and contact with local distributors.

AICKSN®

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MHC-RO2000G-P4-ATS4-2R+UV MANUAL

Large Flow RO System with UV Sterilization

Thank you for choosing our Reverse Osmosis Water Systems. You now own a superb Reverse Osmosis (RO) system that adopts the international advanced reverse osmosis membrane (RO membrane) as the core, and with multi-stage pre-treatment filtering, the filtering accuracy reaches 0.0001 micron, effectively reducing most contaminants, organic and inorganic compound, unwanted taste and odor from tap water. It is designed to transform your tap water into distill water. The entire water production process is fully automatic.

Filter Service Life

PP Cotton Filter : Recommend changing every 3~6 months.
ATS Filter: Recommend changing every 8~12 months.
RO Membrane : Recommend changing every 24~36 months.
UV Sterilizer:Recommend changing every 18~20 months.

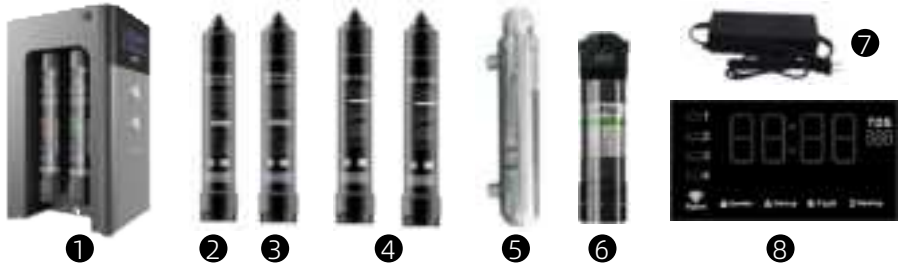
System Includes

MHC-RO2000G-P4-ATS4-2R+UV
• RO Frame Manifold 1set • PP Filter 20" 1pc • ATS Filter 20" 1pc • RO Membrane Filter 20" 2pcs **Packing Kit 1set including:** • PE Hose 1/2" 3m • PE Hose 3/8" 2m • 1/2" Quick Connector to NPT 2pcs • 1/2" Quick Connector to FNPT 1pc • 1/2" 3-way Ball Valve 1pc • User manual 1pc

Product Specification

MHC-RO2000G-P4-ATS4-2R+UV	
Rated voltage	110-220V 50-60Hz
Output voltage	36V / 7A
Water inlet pressure	0.15-0.4Mpa
Water inlet requirement	Municipal water
Water inlet temperature	5-45℃
Water inlet pipe size	1/2"
Water outlet pipe size	1/2"
Wastewater pipe size	3/8"
Rated flow≥	4.2L/M
UV Sterilizer	Power: 16W Flow rate: 2GPM
Wastewater ratio	Manual adjustable
Size	37x40x68cm
N.W	24KGS
Packing	1pc/CTN
CTN	42x45x73cm
G.W	25KGS
PCB	242×143mm with TDS,Time Reminder,and Consumption Status

Main Component



1.RO Manifold Frame 1set
2.PP Filter 20" 1pc
3.ATS Filter 20" 1pc
4.RO Membrane Filter 20" 2pcs
5.UV sterilizer 2GPM 1pc
6.Boost Pump 36V 5A 1pc
7.Adaptor 36V 7A 1pc
8.PCB 1pc

Filter and UV are consumables, needs to be replaced according to operation status.

Installation Instruction

1.Preparations before installation

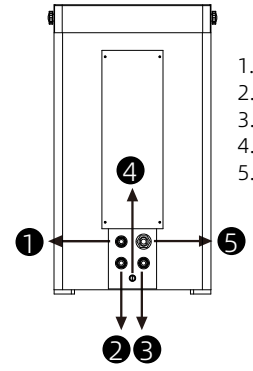
Confirm the installation position of the water purifier, the power supply, and the concentrated underwater water pipe [The installation should depend on the time situation].
Confirm that all accessories required for installation are complete. [Refer to the packing kit for details] Close the water inlet valve before installation.

2.Installation steps:

2.1 Open the carton, take out the machine, and lay it flat to a suitable installation position.
2.2 Installation of water inlet and outlet joints.

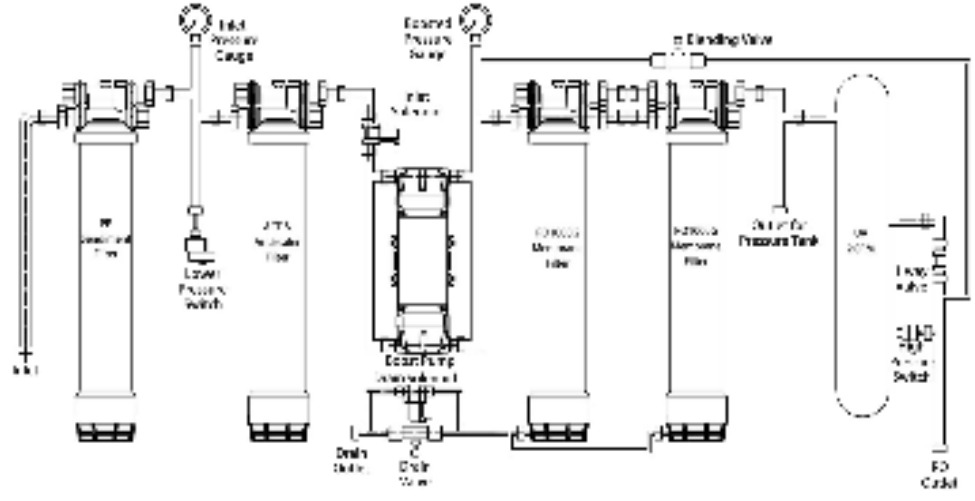
Machine debugging:

After confirming that the water connection is correct, open the water inlet three-way ball valve [confirm whether there is tap water supply], and plug it in power supply [confirm whether the socket has electricity], at this time the high-pressure pump starts, the waste water outlet starts to drain, after entering the water production state, there will be a small amount of white protective liquid when the water purifier tap is turned on for the first time, and the water will be kept for 5-15 minutes until there is no white protective liquid. The TDS data will be slightly higher when the pure water machine is used for the first time, and it is necessary to continue to discharge the water to make the machine produce water flow to about 50-100 liters.



1.RO Outlet
2.Tank
3.Drain
4.Drain Valve
5.Inlet

Flow Chat



PCB Instruction

1. When making water, the time and TDS value are displayed, and the TDS light is on. When there is no work, the display is turned off after a delay of 15 seconds.
2. Short press the set key to display function switching:
time + TDS -> first-level filter element -> second-level filter element -> third-level filter element -> time + TDS
3. Time setting mode:
Press and hold the Set button for 5 seconds until you hear two beeps, then release the button to enter the time setting mode;
At this time, the hour is flashing. Press the + and - keys to set the hour time;
Short press the set key again to switch to minute setting.
At this time, the minutes are flashing. Short press the + and - keys to set the minutes;
Short press set again to save the clock and exit the clock setting mode.
During the process of setting hours or minutes, if there is no key action, the setting mode will automatically exit after 30 seconds and will not be saved.